

## **DESIGN PANEL NO. 15 - 5/8/97**

### **SYSTEM CONTROL CSCI - BOB MACMAHON**

#### **OVERVIEW**

The Operations Configuration Manager (OPS CM) CSC provides the capability to configure DDPs, CCPs, Gateways and HCIs in order to support CLCS operations. This configuration includes downloading SCID and TCID software baselines and initializing this software. OPS CM also supports the creation and management of activities within the CLCS.

#### **ACTIONS**

<b><u>ACTIONS</u></b>	<b><u>ACTIONEE</u></b>	<b><u>DUE DATE</u></b>	<b><u>STATUS</u></b>
• Clarify where authorizations for deletion of baselines for OPS CM repository. (Section 1.8, File Repository Management)	B. MacMahon	Design Panel 3	In Work
• Provide the capability to override previous loaded files on baselines to the target platform. (Section 3.11, Software Download)	B. MacMahon	Design Panel 3	In Work
• Provide the capability to override verified software under operations environment. (Section 3.18, Software Download)	B. MacMahon	Design Panel 3	In Work
• Determine the requirement to provide data to Gateway. (Section 5.1, Platform Parameter Table (PPT) )	B. MacMahon	Design Panel 3	In Work
• Generate a System Message on Platform Initializing.	B. MacMahon	Design Panel 3	In Work

## **DESIGN PANEL NO. 15 - 5/8/97**

### **APPLICATION SERVICES CSCI - JON SELCER**

#### **OVERVIEW**

- Function Designator (FD) Services
- Constraint Management Services
- Application Communication and Control
- User Display Services

#### **ISSUES**

- Raw data has been deleted for analog FD.  
(Section 2.2.2, FD Services Functional Requirements, Item 3)
- Delete Item - duplicate.  
(Section 2.2.2, FD Services Functional Requirements, Item 7)
- Include Time format in the pseudo FD.

#### **ACTION**

- Who is responsible for retrieving Gateway FD information FD Services or FD Viewer?

#### **ACTIONEE**

K. Loughheed/  
C. King

#### **DUE DATE**

Design Panel 3

#### **STATUS**

In Work

## **DESIGN PANEL NO. 15 - 5/8/97**

### **COMMAND PROCESSOR CSCI - WALTER CLAVETTE**

#### **OVERVIEW**

The Command Processor CSCI resides in the Human Computer Interface (HCI) and provides the capability for the HCI user to issue Command Requests to end items attached to the RTPS. The Command Processor CSCI receives CCP Command Responses for each Command Request, processes them and forwards the appropriate messages to User Displays Services or System Message Services.

#### **ISSUES**

- Clarify there is only (1) window for “pop-up” menu/data entry screen.  
(Section 1.2.2.2, Cursor Click Commands, Item B (a)(b))
- Use unit conversions (numeric).  
(Section 1.2.2.3, Manual Entry Commands, Item D)
- Include System Message in the Additional Messages (Master page).  
(Section 1.2.2.4, FD Commanding, Item C)
- Divide windows up in cursor-click (Goal equivalent) or manual?

#### **ACTIONS**

- FD Services builds command, where will it be documented?
- Where should the Two-Step Command be located post Redstone?

#### **ACTIONEE**

#### **DUE DATE**

#### **STATUS**

W. Clavette

Design Panel 3

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W. Clavette

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In Work

## **DESIGN PANEL NO. 15 - 5/8/97**

### **COMMAND MANAGEMENT PROCESSING CSCI - WALTER CLAVETTE**

#### **OVERVIEW**

The Command Management Processing software, a User Application Processing CSC, resides in the Command and Control Processor (CCP) and provides the control capabilities to support issuing commands to the Gateways. The Command Management Processing software also supports receiving G/W Command Responses and forwards the responses to the originating process.

#### **ISSUES**

Should Master function be notified upon command request outside flow? (Post Redstone)  
Section 1.2.1.2, Command Management Processing Functional Requirements

Delete  
Section 1.2.1.13, Command Management Processing Functional Requirements

Delete  
Section 1.2.1.15, Command Management Processing Functional Requirements

#### **ACTION**

- Processing of unsolicited responses.

#### **ACTIONEE**

W. Clavette

#### **DUE DATE**

Design Panel 3

#### **STATUS**

In Work

## **DESIGN PANEL NO. 15 - 5/8/97**

### **GSE G/W SERVICES CSCI - MIKE LUNCEFORD**

#### **OVERVIEW**

The GSE Gateway Services CSCI provides the Gateway unique functions required to issue commands to and poll measurements from Ground Service Equipment (GSE) Hardware Interface Modules (HIM's).

#### **ISSUES**

- When a noncommanded discrete change is detected a System Message will be sent.  
(Section 1.2.2, Command/Response, Bullets 8 and 9)
- Add 1000 sample rate to the table.  
(Section 1.2.2, Measurement Polling and Change Data, Bullet 3)
- Provide system level error message to a "CLCS Master Function".

#### **ACTIONS**

- Add "Go" mode to the operating modes of the GSE Gateway Services.  
(Section 1.2.2, Load and Initialization, Bullet 1)

#### **ACTIONEE**

M. Lunceford

#### **DUE DATE**

Design Panel 3

#### **STATUS**

In Work